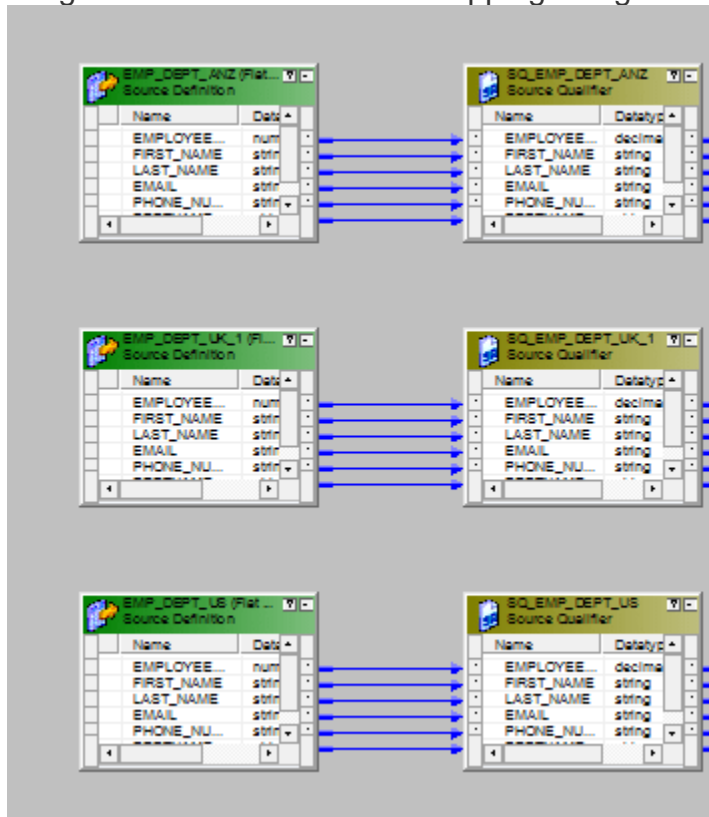


I have three same source structure tables. But, I want to load into single target table. How do I do this? Explain in detail through mapping flow.

We will have to use the Union Transformation here. Union Transformation is a multiple input group transformation and it has only one output group.

1. Drag all the sources in to the mapping designer.



2. Add one union transformation and configure it as follows. Group Tab.

The screenshot shows the 'Edit Transformations' dialog box with the 'Groups' tab selected. The 'Transformation Name' is 'un_employees' and the 'Transformation Type' is 'Union Transform'. The 'Input Group Name' table lists three groups: ANZ_EMPLOYEES, UK_EMPLOYEES, and US_EMPLOYEES. The 'Description' field is empty. The dialog has buttons for OK, Cancel, Apply, and Help.

Input Group Name	
1	ANZ_EMPLOYEES
2	UK_EMPLOYEES
3	US_EMPLOYEES

Description:

OK Cancel Apply Help

Group Ports Tab.

The screenshot shows the 'Edit Transformations' dialog box with the 'Group Ports' tab selected. The 'Transformation Name' is 'un_employees' and the 'Transformation Type' is 'Union Transform'. A table lists six ports with their names, datatypes, precision, and scale. Below the table is a 'Description' field and a scroll bar. At the bottom are 'OK', 'Cancel', 'Apply', and 'Help' buttons.

Transformation Name:

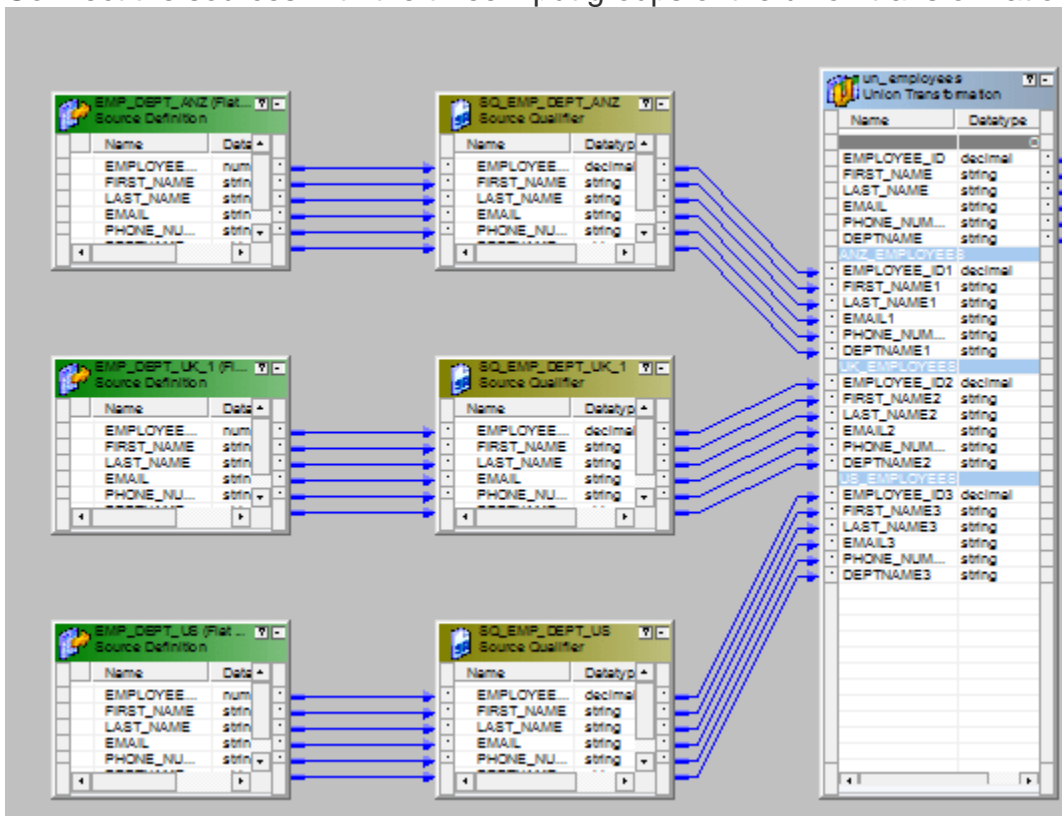
Transformation Type: Union Transform

	Name	Datatype	Precision	Scale
1	EMPLOYEE_ID	decimal	3	0
2	FIRST_NAME	string	11	0
3	LAST_NAME	string	11	0
4	EMAIL	string	8	0
5	PHONE_NUMBER	string	18	0
6	DEPTNAME	string	16	0

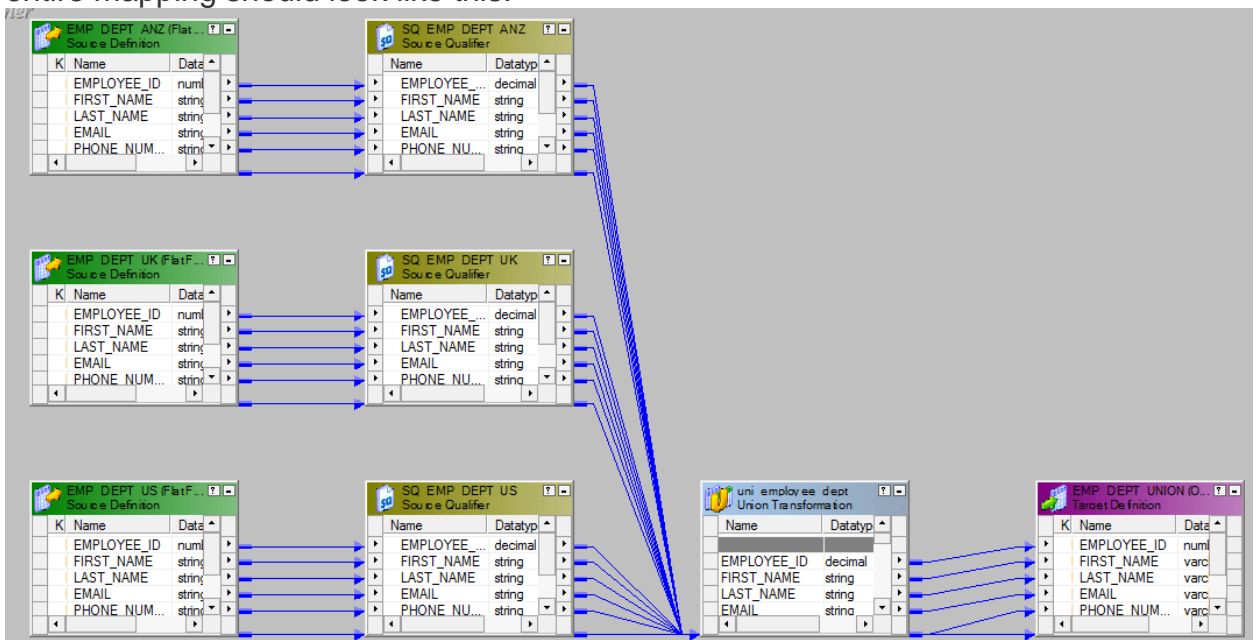
Description:

OK Cancel Apply Help

3. Connect the sources with the three input groups of the union transformation.



4. Send the output to the target or via a expression transformation to the target. The entire mapping should look like this.



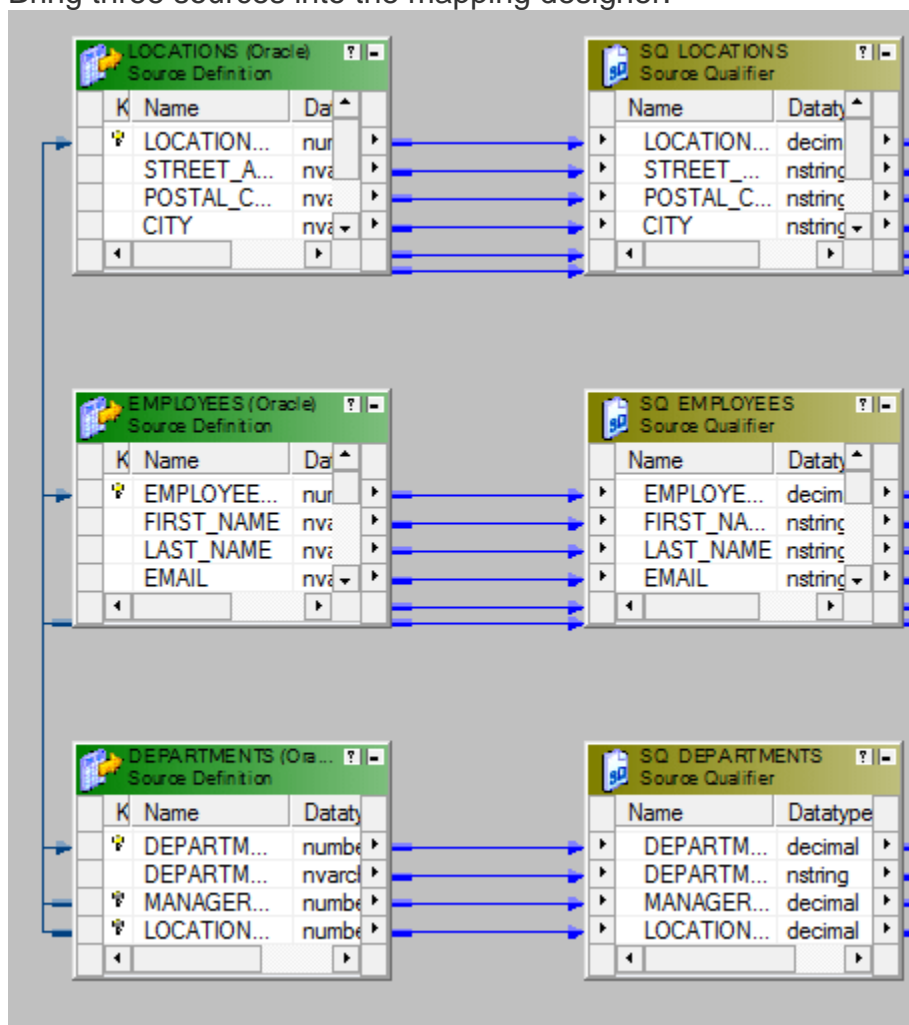
How to join three sources using joiner? Explain though mapping flow.

We cannot join more than two sources using a single joiner. To join three sources, we need to have two joiner transformations.

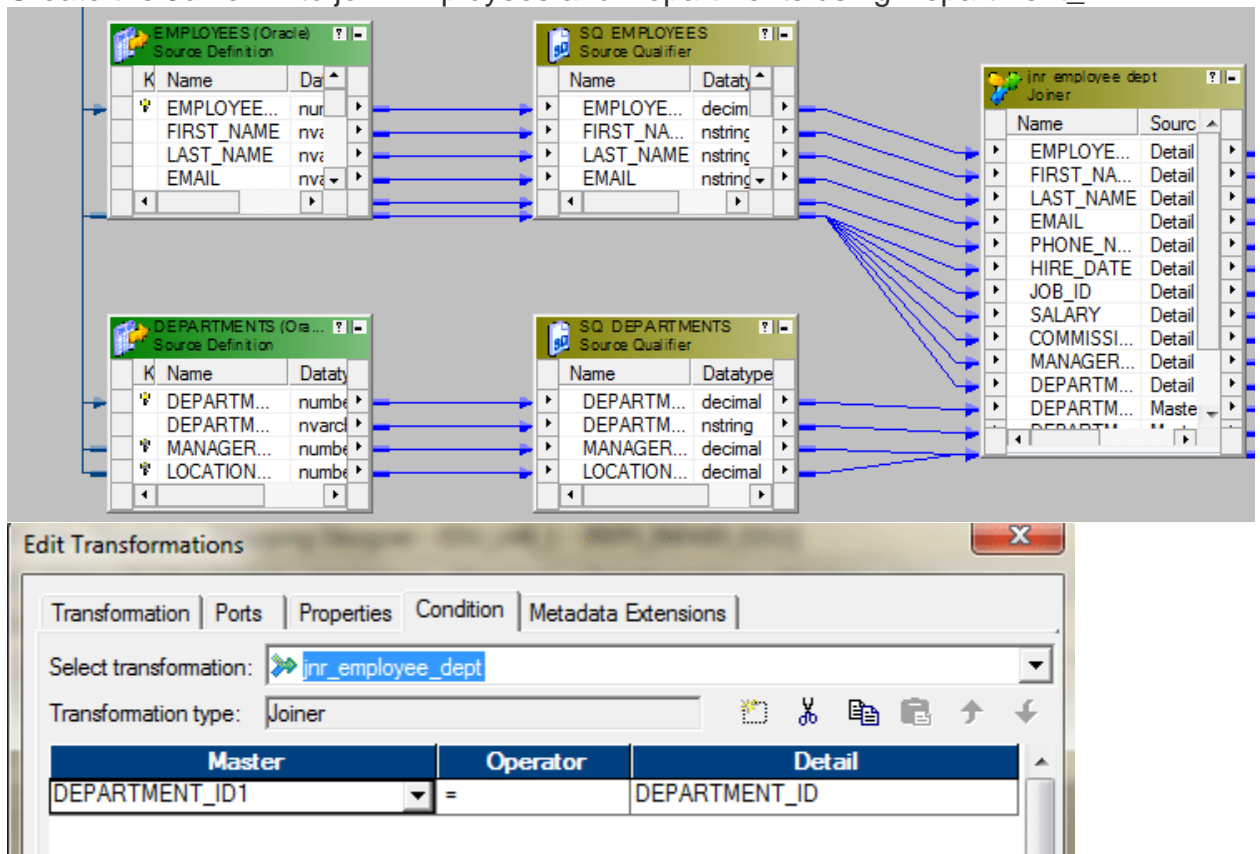
Let's say, we want to join three tables – Employees, Departments and Locations – using Joiner. We will need two joiners. Joiner-1 will join, Employees and Departments and Joiner-2 will join, the output from the Joiner-1 and Locations table.

Here are the steps.

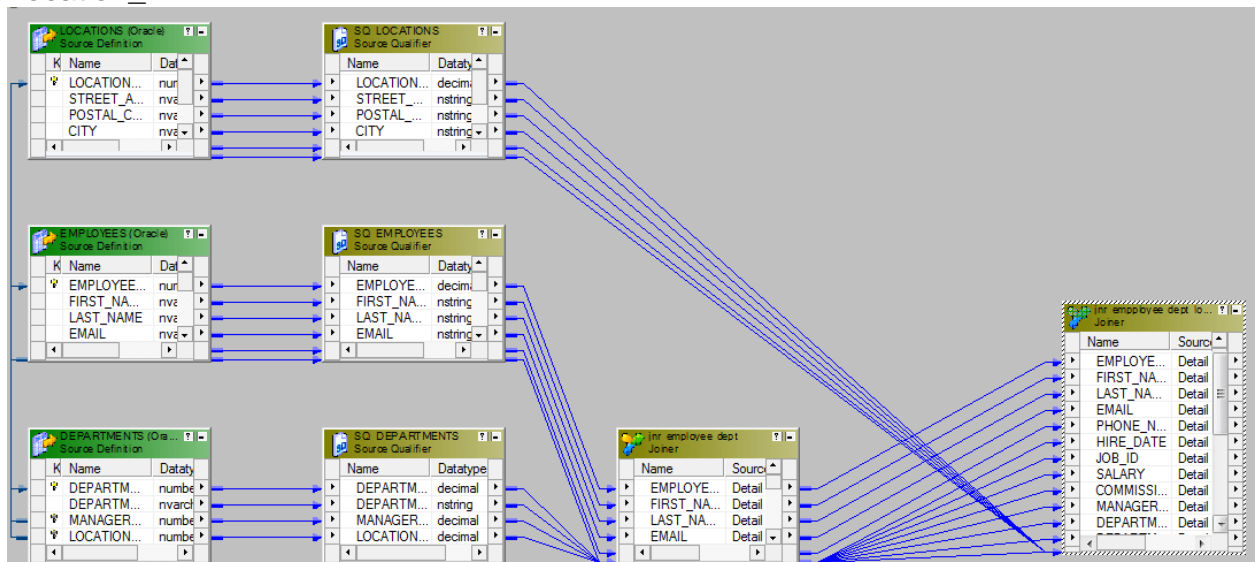
1. Bring three sources into the mapping designer.



2. Create the Joiner -1 to join Employees and Departments using Department_ID.



3. Create the next joiner, Joiner-2. Take the Output from Joiner-1 and ports from Locations Table and bring them to Joiner-2. Join these two data sources using Location_ID.



4. The last step is to send the required ports from the Joiner-2 to the target or via an expression transformation to the target table.

